Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
Data File : BP024363.D
Acq On : 21 Apr 2025 15:36
Operator : RC/JU
Sample : Q1825-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9MSD

Quant Time: Apr 21 16:06:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	216655	20.000	ng		0.00
21) Naphthalene-d8	10.493	136	828469	20.000	ng		0.00
39) Acenaphthene-d10	14.351	164	508926	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1036713	20.000	ng		0.01
76) Chrysene-d12	21.592	240	1166964	20.000	ng		0.00
86) Perylene-d12	24.945	264	1372121	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	1705461	130.156	ng		0.00
7) Phenol-d6	6.910	99	2107199	117.446	ng		0.00
23) Nitrobenzene-d5	8.869	82	1281611	88.210	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	1034558	146.928	ng		0.01
45) 2-Fluorobiphenyl	12.963	172	2770875	83.362	ng		0.00
79) Terphenyl-d14	19.880	244	5040353	87.059	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	201962	36.440	ng	#	63
3) Pyridine	3.699	79	270276	18.468	ng		98
4) n-Nitrosodimethylamine	3.599	42	200822	41.346	ng		90
6) Aniline	7.063	93	368407	22.978	ng		99
8) 2-Chlorophenol	7.299	128	629355	43.019	ng		98
9) Benzaldehyde	6.875	77	115977	13.068	ng		96
10) Phenol	6.934	94	757587	42.092	ng		95
11) bis(2-Chloroethyl)ether	7.152	93	588312	40.569	ng		99
12) 1,3-Dichlorobenzene	7.610	146	608680	38.647	ng		99
13) 1,4-Dichlorobenzene	7.757	146	627119	39.244	ng		100
14) 1,2-Dichlorobenzene	8.069	146	600680	38.928	ng		99
15) Benzyl Alcohol	7.963	79	520419	44.852	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.240	45	626028	39.939	ng		99
17) 2-Methylphenol	8.163	107	522867	44.907	ng		98
18) Hexachloroethane	8.793	117	226800	39.272	ng		98
19) n-Nitroso-di-n-propyla...	8.522	70	429811	38.722	ng		97
20) 3+4-Methylphenols	8.493	107	717070	44.386	ng		99
22) Acetophenone	8.534	105	898304	43.809	ng	#	99
24) Nitrobenzene	8.910	77	635300	44.201	ng		99
25) Isophorone	9.434	82	1237914	47.071	ng		98
26) 2-Nitrophenol	9.616	139	333201	47.371	ng		99
27) 2,4-Dimethylphenol	9.681	122	573001	64.879	ng		98
28) bis(2-Chloroethoxy)met...	9.904	93	766102	43.122	ng		99
29) 2,4-Dichlorophenol	10.151	162	570574	47.381	ng		99
30) 1,2,4-Trichlorobenzene	10.357	180	558364	43.277	ng		98
31) Naphthalene	10.540	128	1802956	41.314	ng		99
32) Benzoic acid	9.828	122	448946m	43.625	ng		
33) 4-Chloroaniline	10.669	127	200541	13.049	ng		99
34) Hexachlorobutadiene	10.828	225	330458	43.586	ng		99
35) Caprolactam	11.457	113	178824	40.246	ng		98
36) 4-Chloro-3-methylphenol	11.787	107	655675	46.746	ng		99
37) 2-Methylnaphthalene	12.157	142	1164343	38.471	ng		98
38) 1-Methylnaphthalene	12.375	142	1214435	41.017	ng		99
40) 1,2,4,5-Tetrachloroben...	12.528	216	624445	44.617	ng		98
41) Hexachlorocyclopentadiene	12.504	237	876503	177.077	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	462351	49.688	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	512134	49.702	ng	99
46) 1,1'-Biphenyl	13.175	154	1659567	44.363	ng	100
47) 2-Chloronaphthalene	13.216	162	1253011	44.816	ng	98
48) 2-Nitroaniline	13.422	65	399052	50.883	ng	99
49) Acenaphthylene	14.069	152	2164869	49.180	ng	100
50) Dimethylphthalate	13.810	163	1714580	46.327	ng	99
51) 2,6-Dinitrotoluene	13.922	165	378281	48.133	ng	97
52) Acenaphthene	14.416	154	1239327	44.410	ng	99
53) 3-Nitroaniline	14.263	138	325309	39.384	ng	99
54) 2,4-Dinitrophenol	14.475	184	517045	111.689	ng	96
55) Dibenzofuran	14.757	168	1972328	43.238	ng	99
56) 4-Nitrophenol	14.598	139	745522	104.507	ng	98
57) 2,4-Dinitrotoluene	14.722	165	543495	50.696	ng	98
58) Fluorene	15.416	166	1622670	45.952	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	460549	48.461	ng	99
60) Diethylphthalate	15.198	149	1758661	46.111	ng	100
61) 4-Chlorophenyl-phenyle...	15.416	204	782088	45.609	ng	99
62) 4-Nitroaniline	15.445	138	428802	49.039	ng	94
63) Azobenzene	15.716	77	1536628	43.835	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	320024	48.963	ng	98
66) n-Nitrosodiphenylamine	15.639	169	1419737	45.882	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	523726	46.191	ng	99
68) Hexachlorobenzene	16.451	284	633228	47.000	ng	99
69) Atrazine	16.622	200	499934	63.435	ng	99
70) Pentachlorophenol	16.804	266	928070	98.739	ng	99
71) Phenanthrene	17.204	178	2602926	46.024	ng	100
72) Anthracene	17.298	178	2608198	47.850	ng	100
73) Carbazole	17.575	167	2525114	47.412	ng	100
74) Di-n-butylphthalate	18.175	149	3145554	47.406	ng	100
75) Fluoranthene	19.286	202	3125592	46.468	ng	98
77) Benzidine	19.480	184	675615	45.674	ng	99
78) Pyrene	19.663	202	3243932	43.741	ng	99
80) Butylbenzylphthalate	20.616	149	1506973	47.441	ng	98
81) Benzo(a)anthracene	21.580	228	3401020	46.889	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	758412	29.790	ng	99
83) Chrysene	21.645	228	3218061	46.309	ng	99
84) Bis(2-ethylhexyl)phtha...	21.521	149	2215630	47.580	ng	100
85) Di-n-octyl phthalate	22.792	149	3712904	49.045	ng	100
87) Indeno(1,2,3-cd)pyrene	28.733	276	4840706m	50.816	ng	
88) Benzo(b)fluoranthene	23.892	252	3800951	46.214	ng	99
89) Benzo(k)fluoranthene	23.957	252	3700471	46.579	ng	98
90) Benzo(a)pyrene	24.786	252	3568335	50.297	ng	99
91) Dibenzo(a,h)anthracene	28.809	278	3977009	50.299	ng	99
92) Benzo(g,h,i)perylene	29.897	276	3940259	48.960	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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